

03-21-05

2154

Attorney's Docket No.: 10559/370001/P10176



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hemal V. Shah et al. Art Unit: 2154  
Serial No.: 09/768,374 Examiner: Dohm Chankong  
Filed : January 22, 2001  
Title : DECOUPLING TCP/IP PROCESSING IN SYSTEM AREA NETWORKS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on form PTO-1449.

Kindly accept this Information Disclosure Statement under Rule 97(c)(2). The rule 17(p) certification fee of \$180 is enclosed.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

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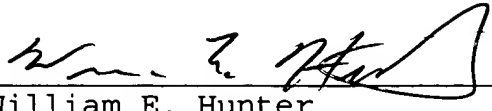
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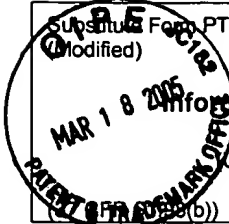
Respectfully submitted,

Date: March 18, 2005

  
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 Substitute Form PTO-1449 (Modified) <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (b)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-370001	Application No. 09/768,374
	Applicant Hemal V. Shah et al.		
	Filing Date January 22, 2001	Group Art Unit 2154	

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0072980 A1	06/2002	Dutta, Rabindranath			
	AB	6,549,937	04/2003	Auerbach et al.			
	AC	6,754,696	06/2004	Kamath et al.			

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AD							
	AE							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AF	Cisco Systems, Cisco Local Director. <a href="http://www.cisco.com/warp/public/cc/pd/si/1000/i">http://www.cisco.com/warp/public/cc/pd/si/1000/i</a>
	AG	Camarda et al. "Performance Evaluation of TCP/IP Protocol Implementation in End Systems", IEEE Proc. Comput. Digit. Tech. Vol. 146, Jan 1999
	AH	Edith Cohen et al., "Managing TCP Connections under Persistent HTTP", Proc. Of the Eighth International World Wide Web Conf., 1999
	AI	D. Dunning G. Regnier, G. McAlpine et al., "The Virtual Interface Architecture", IEEE Micro, Vol. 3, No. 2, pp. 66-76, 1998
	AJ	A. Fox et al., "Cluster-Based Scalable Network Services", Proc. Of the sixteenth ACM Symp. On Operating systems principles, pp. 78-91, 1997
	AK	Infiniband Arch. Spec. Vol. 1, Rel. 1.0a
	AL	Infiniband Arch. Spec. Vol 2. Rel. 1.0a
	AM	H. Shah, C. Pu, and R. Madukkarumukumana, "High Performance Sockets and RPC over Virtual Interface (VI) Architecture", In Proc. Third Intl. Workshop on Communication, Architecture, and Applications for Network Based Parallel Computing, pp. 91-107, 1999
	AN	Evan Speight, Hazim Abdel-Shafi, and John K. Bennett, "Realizing the Performance Potential of the Virtual Interface Architecture", In Proc. Of the 13 <sup>th</sup> ACM-SIGARCH International Conference on Supercomputing, June 1999
	AO	Oliver Spatscheck et al., "Optimizing TCP Forwarder Performance", In IEEE/ACM Tran. Of Networking, Vol. 8, No. 2, April 2000
	AP	Virtual Interface Architecture Developer Guide, Intel Corporation, Revision 1.0, September 9, 1998
	AQ	G. Welling, M. Ott, and S. Mathur, "CLARA: A Cluster-Based Active Router Architecture", Hot Interconnects 8, pp. 53-60, 2000
	AR	Windows Sockets Direct Path for System Area Networks, Microsoft Corporation, 2000

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449  
(Mandatory)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
10559-370001Application No.  
09/768,374**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant  
Hemal V. Shah et al.Filing Date  
January 22, 2001Group Art Unit  
2154**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AS	Alacritech, Alacritech Server Network Adapters, <a href="http://www.alacritech.com/html/products.html">http://www.alacritech.com/html/products.html</a>
	AT	Direct Access File Systems (DAFS). <a href="http://www.dafscollaborative.org">http://www.dafscollaborative.org</a>
	AU	Alteon WebSystems, Alteon Web Switching Products. <a href="http://www.alteonwebsystems.com/products/">http://www.alteonwebsystems.com/products/</a>
	AV	IntevIXP1200 Network Processor. <a href="http://developer.intel.com/design/network/products/npfamily/ixp1200.htm">http://developer.intel.com/design/network/products/npfamily/ixp1200.htm</a>
	AW	ArrowPoint Communications, ArrowPoint Content Smart Web Switches. <a href="http://www.arrowpoint.com/produts/index.html">http://www.arrowpoint.com/produts/index.html</a>
	AX	F5 Networks, BIG-IP Products. <a href="http://www.f5labs.com/f5products/bigip">http://www.f5labs.com/f5products/bigip</a>
	AY	Giganet, Inc., Giganet cLAN Product Family. <a href="http://www.giganet.com/products/">http://www.giganet.com/products/</a>
	AZ	Interprophet Corporation. <a href="http://www.interprophet.com/">http://www.interprophet.com/</a>
	AAA	Netscaler, WebScaler Internet Accelerator. <a href="http://www.netscaler.com/products.html">http://www.netscaler.com/products.html</a>
	ABB	Alteon WebSystems, Next Generation Adapter Design and Optimization for Gigabit Ethernet.
	ACC	Hemal V. Shah et al., "CSP: A Novel System Architecture for Scalable Internet and Communication Services", Proceedings of the 3 <sup>rd</sup> USENIX Symposium on Internet Technologies and Systems, March 26-28, 2001 p. 61-72

Examiner Signature

Date Considered

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